OM protein - protein search, using sw model

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GenCore version 5.1.6

Run on: March 7, 2005, 07:07:07 ; Search time 61.3569 Seconds
(without alignments)
1072.560 Million cell updates/sec

Title: US-09-939-537-31_COPY_1_200
Perfect score: 1029
Sequence: 1 MNRGVPFRHLLLVLQLALLP..........TWTCTVLQNQKKVEFKIDIV 200

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 1391452 seqs, 32904822 residues

Total number of hits satisfying chosen parameters: 1391452

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database :   Published_Applications_AA:*

1: /cgn2_6/ptodata/1/pubpaa/US07_PUBCOMB.pep:*
2: /cgn2_6/ptodata/1/pubpaa/PCT_NEW_PUB.pep:*
3: /cgn2_6/ptodata/1/pubpaa/US06_NEW_PUB.pep:*
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9: /cgn2_6/ptodata/1/pubpaa/US09A_PUBCOMB.pep:*
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20: /cgn2_6/ptodata/1/pubpaa/US60_PUBCOMB.pep:*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	% Query Match	Match Length	DB ID	ID	Description
1	1029	100.0	203	10	US-09-939-537-31	Sequence 31, Appl
2	1029	100.0	398	10	US-09-939-537-29	Sequence 29, Appl
3	1029	100.0	402	14	US-10-157-408-1	Sequence 1, Appli
4	1029	100.0	402	14	US-10-097-04A-1	Sequence 1, Appli
5	1029	100.0	402	16	US-10-769-247-1	Sequence 1, Appli
6	1029	100.0	457	11	US-09-891-119A-9	Sequence 9, Appli
7	1029	100.0	462	10	US-09-999-537-5	Sequence 5, Appli
8	1029	100.0	462	11	US-09-243-008-5	Sequence 5, Appli
9	1029	100.0	532	10	US-09-939-537-6	Sequence 6, Appli
10	1029	100.0	532	11	US-09-243-008-6	Sequence 6, Appli
11	1029	100.0	575	10	US-09-939-537-4	Sequence 4, Appli
12	1029	100.0	575	10	US-09-243-008-4	Sequence 4, Appli
13	1023	99.4	310	8	US-08-485-163-7	Sequence 7, Appli
14	1023	99.4	310	9	US-09-766-995-6	Sequence 6, Appli
15	1023	99.4	432	8	US-08-485-163-3	Sequence 3, Appli
16	1023	99.4	432	9	US-09-766-995-2	Sequence 2, Appli
17	1023	99.4	458	14	US-10-151-274-3	Sequence 4, Appli
18	1023	99.4	458	14	US-10-103-597A-39	Sequence 39, Appl
19	1023	99.4	458	14	US-10-188-444-39	Sequence 39, Appl
20	1023	99.4	458	14	US-10-207-655-170	Sequence 170, App
21	1023	99.4	530	8	US-08-485-163-5	Sequence 5, Appli
22	1021	99.4	530	9	US-09-766-995-4	Sequence 4, Appli
23	1021	99.2	458	10	US-09-230-1111C-25	Sequence 25, Appl
24	916	89.2	458	14	US-10-092-138-25	Sequence 25, Appl
25	1012	98.3	397	11	US-09-891-119A-2	Sequence 2, Appli
26	1021	99.2	448	8	US-08-681-219-27	Sequence 27, Appl
27	917.5	89.2	434	14	US-10-024-329-32	Sequence 32, Appl
28	916	89.0	434	14	US-10-157-408-4	Sequence 4, Appli
29	916	89.0	434	16	US-10-097-04A-4	Sequence 4, Appli
30	916	87.8	434	16	US-10-769-247-4	Sequence 4, Appli
31	903	87.0	788	14	US-10-073-118-26	Sequence 26, Appl
32	899	87.4	178	9	US-10-934-060A-26	Sequence 26, Appl
33	899	87.4	370	9	US-09-759-841-6	Sequence 6, Appli
34	899	87.4	433	16	US-10-872-198-129	Sequence 129, App
35	899	87.4	433	10	US-09-934-060A-13	Sequence 13, Appl
36	899	87.4	720	9	US-09-934-060A-2	Sequence 2, Appli
37	899	87.4	720	9	US-09-934-060A-4	Sequence 4, Appli
38	881	85.6	184	14	US-10-024-329-33	Sequence 33, Appl
39	494	48.0	94	11	US-09-891-119A-10	Sequence 10, Appl
40	486	47.2	93	14	US-10-105-545-26	Sequence 26, Appl
41	475	46.2	612	14	US-10-125-692-10	Sequence 10, Appl
42	337	32.8	84	9	US-09-135-238B-8	Sequence 8, Appli
43	238	23.1	95	16	US-10-105-545-25	Sequence 25, Appl
44	150	14.6	50	14	US-10-076-674-4	Sequence 4, Appli
45	150	14.6	50	14	US-10-076-674-5	Sequence 5, Appli

ALIGNMENTS

RESULT 1
US-09-939-537-31
Sequence 31, Application US/09939537
Publication No. US20030138410A1
GENERAL INFORMATION:
APPLICANT: Seed, Brian
Banapour, Babak
Romeo, Charles
Kolanus, Waldemar
TITLE OF INVENTION: TARGETED CYTOLYSIS OF HIV-INFECTED
CELLS BY CHIMERIC CD4 RECEPTOR- BEARING CELLS
NUMBER OF SEQUENCES: 53
CORRESPONDENCE ADDRESS:
ADDRESSEE: Clark & Elbing LLP
STREET: 176 Federal Street
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02110
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/939,537
FILING DATE: 24-Aug-2001
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/284,391
FILING DATE: 02-AUG-1994
APPLICATION NUMBER: 08/195,395
FILING DATE: 14-FEB-1994
APPLICATION NUMBER: 07/847,566
FILING DATE: 06-MAR-1992
APPLICATION NUMBER: 07/665,961

FILING DATE: 07-MAR-1991
ATTORNEY/AGENT INFORMATION:
NAME: Elbing, Karen L
REGISTRATION NUMBER: 35,238
REFERENCE/DOCKET NUMBER: 00786/247001
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-428-0200
TELEFAX: 617-428-7045
TELEX: <Unknown>
INFORMATION FOR SEQ ID NO: 31:
SEQUENCE CHARACTERISTICS:
LENGTH: 203 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein
SEQUENCE DESCRIPTION: SEQ ID NO: 31:
US-09-939-537-31

Query Match   100.0%; Score 1029; DB 10; Length 203;
Best Local Similarity 100.0%; Pred. No. 4.4e-78;
Matches 200; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db   1 MNRGVPFRHLLLVLQLALLPAATQGNKVVLGKKGDTVELTCTASQKKSIQFHWKNSNQIK 60

Qy  61 ILGNQGSFLTKGPSKLNDRADSRRSLWDQGNFPLIIKNLKIEDSDTYICEVEDQKEEVQL 120
        |||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db  61 ILGNQGSFLTKGPSKLNDRADSRRSLWDQGNFPLIIKNLKIEDSDTYICEVEDQKEEVQL 120

Qy 121 LVFGLTANSDTHLLQGQSLTLTLESPPGSSPSVQCRSPRGKNIQGGKTLSVSQLELQDSG 180
        |||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db 121 LVFGLTANSDTHLLQGQSLTLTLESPPGSSPSVQCRSPRGKNIQGGKTLSVSQLELQDSG 180

Qy 181 TWTCTVLQNQKVEFKIDIV 200
        |||||||||||||||||||
Db 181 TWTCTVLQNQKVEFKIDIV 200
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RESULT 2
US-09-939-537-29
Sequence 29, Application US/0939537
Publication No. US20030138410A1
GENERAL INFORMATION:
APPLICANT: Seed, Brian
   Banapour, Babak
   Romeo, Charles
   Kolanus, Waldemar
TITLE OF INVENTION: TARGETED CYTOLYSIS OF HIV-INFECTED
   CELLS BY CHIMERIC CD4 RECEPTOR- BEARING CELLS
NUMBER OF SEQUENCES: 53
CORRESPONDENCE ADDRESS:
ADDRESSEE: Clark & Elbing LLP
STREET: 176 Federal Street
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02110
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/939,537
FILING DATE: 24-Aug-2001
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/284,391
FILING DATE: 02-AUG-1994
APPLICATION NUMBER: 08/195,395
FILING DATE: 14-FEB-1994

APPLICATION NUMBER: 07/847,566
FILING DATE: 06-MAR-1992
APPLICATION NUMBER: 07/665,961
FILING DATE: 07-MAR-1991
ATTORNEY/AGENT INFORMATION:
NAME: Elbing, Karen L
REGISTRATION NUMBER: 35,238
REFERENCE/DOCKET NUMBER: 00786/247001
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-428-0200
TELEFAX: 617-428-7045
TELEX: <Unknown>
INFORMATION FOR SEQ ID NO: 29:
SEQUENCE CHARACTERISTICS:
LENGTH: 398 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein
SEQUENCE DESCRIPTION: SEQ ID NO: 29:
US-09-939-537-29

Query Match   100.0%; Score 1029; DB 10; Length 398;
Best Local Similarity 100.0%; Pred. No. 9.8e-78;
Matches 200; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db   1 MNRGVPFRHLLLVLQLALLPAATQGNKVVLGKKGDTVELTCTASQKKSIQFHWKNSNQIK 60

Qy  61 ILGNQGSFLTKGPSKLNDRADSRRSLWDQGNFPLIIKNLKIEDSDTYICEVEDQKEEVQL 120
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Db  61 ILGNQGSFLTKGPSKLNDRADSRRSLWDQGNFPLIIKNLKIEDSDTYICEVEDQKEEVQL 120

Qy 121 LVFGLTANSDTHLLQGQSLTLTLESPPGSSPSVQCRSPRGKNIQGGKTLSVSQLELQDSG 180
        |||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db 121 LVFGLTANSDTHLLQGQSLTLTLESPPGSSPSVQCRSPRGKNIQGGKTLSVSQLELQDSG 180

Qy 181 TWTCTVLQNQKVEFKIDIV 200
        |||||||||||||||||||
Db 181 TWTCTVLQNQKVEFKIDIV 200
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RESULT 3
US-10-157-408-1
Sequence 1, Application US/10157408
Publication No. US20030104535A1
GENERAL INFORMATION:
APPLICANT: Capon, Daniel J.
   Gregory, Timothy J.
TITLE OF INVENTION: Adheson Variants
NUMBER OF SEQUENCES: 25
CORRESPONDENCE ADDRESS:
ADDRESSEE: Genentech, Inc.
STREET: 460 Point San Bruno Blvd
CITY: South San Francisco
STATE: California
COUNTRY: USA
ZIP: 94080
COMPUTER READABLE FORM:
MEDIUM TYPE: 5.25 inch, 360 Kb floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: patin (Genentech)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/157,408
FILING DATE: 28-May-2002
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/457,918
FILING DATE: 1-JUN-1995
APPLICATION NUMBER: 08/236311
FILING DATE: 02-MAY-1994

; APPLICATION NUMBER: 07/936190
; FILING DATE: 26-AUG-1992
; APPLICATION NUMBER: 07/842777
; FILING DATE: 18-FEB-1992
; APPLICATION NUMBER: 07/250785
; FILING DATE: 28-SEP-1988
; APPLICATION NUMBER: 07/104329
; FILING DATE: 02-OCT-1987
; ATTORNEY/AGENT INFORMATION:
; NAME: Kubinec, Jeffrey S.
; REGISTRATION NUMBER: 36,575
; REFERENCE/DOCKET NUMBER: P0444P1C3
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415/225-8228
; TELEFAX: 415/952-9881
; TELEX: 910/371-7168
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 402 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 1:
US-10-157-408-1

Query Match 100.0%; Score 1029; DB 14; Length 402;
Best Local Similarity 100.0%; Pred. No. 9.9e-78;
Matches 200; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Qy    1 MNRGVPFRHLLLVLQLALLPAATQGNKVVLGKKGDTVELTCTASQKKSIQFHWKNSNQIK 60
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Db    1 MNRGVPFRHLLLVLQLALLPAATQGNKVVLGKKGDTVELTCTASQKKSIQFHWKNSNQIK 60

Qy   61 ILGNQGSFLTKGPSKLNDRADSRRSLWDQGNFPLIIKNLKIEDSDTYICEVEDQKEEVQL 120
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Qy  121 LVFGLTANSDTHLLQGQSLTLTLESPPGSSPSVQCRSPRGKNIQGGKTLSVSQLELQDSG 180
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Db  121 LVFGLTANSDTHLLQGQSLTLTLESPPGSSPSVQCRSPRGKNIQGGKTLSVSQLELQDSG 180

Qy  181 TWTCTVLQNQKKVEFKIDIV 200
        ||||||||||||||||||||
Db  181 TWTCTVLQNQKKVEFKIDIV 200
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RESULT 4
US-10-097-044A-1
; Sequence 1, Application US/10097044A
; Publication No. US20030143220A1
; GENERAL INFORMATION:
; APPLICANT: Capon, Daniel J.
;   Gregory, Timothy J.
; NUMBER OF SEQUENCES: 25
; TITLE OF INVENTION: Adheson Variants
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Genentech, Inc.
; STREET: 460 Point San Bruno Blvd
; CITY: South San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94080
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 5.25 inch, 360 Kb floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: patin (Genentech)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/097,044A
; FILING DATE: 28-May-2002
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/457,918
; FILING DATE: 1-JUN-1995

; APPLICATION NUMBER: 08/236311
; FILING DATE: 02-MAY-1994
; APPLICATION NUMBER: 07/936190
; FILING DATE: 26-AUG-1992
; APPLICATION NUMBER: 07/842777
; FILING DATE: 18-FEB-1992
; APPLICATION NUMBER: 07/250785
; FILING DATE: 28-SEP-1988
; APPLICATION NUMBER: 07/104329
; FILING DATE: 02-OCT-1987
; ATTORNEY/AGENT INFORMATION:
; NAME: Kubinec, Jeffrey S.
; REGISTRATION NUMBER: 36,575
; REFERENCE/DOCKET NUMBER: P0444P1C3
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415/225-8228
; TELEFAX: 415/952-9881
; TELEX: 910/371-7168
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 402 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 1:
US-10-097-044A-1

Query Match 100.0%; Score 1029; DB 14; Length 402;
Best Local Similarity 100.0%; Pred. No. 9.9e-78;
Matches 200; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Qy    1 MNRGVPFRHLLLVLQLALLPAATQGNKVVLGKKGDTVELTCTASQKKSIQFHWKNSNQIK 60
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Db    1 MNRGVPFRHLLLVLQLALLPAATQGNKVVLGKKGDTVELTCTASQKKSIQFHWKNSNQIK 60

Qy   61 ILGNQGSFLTKGPSKLNDRADSRRSLWDQGNFPLIIKNLKIEDSDTYICEVEDQKEEVQL 120
        ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   61 ILGNQGSFLTKGPSKLNDRADSRRSLWDQGNFPLIIKNLKIEDSDTYICEVEDQKEEVQL 120

Qy  121 LVFGLTANSDTHLLQGQSLTLTLESPPGSSPSVQCRSPRGKNIQGGKTLSVSQLELQDSG 180
        ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db  121 LVFGLTANSDTHLLQGQSLTLTLESPPGSSPSVQCRSPRGKNIQGGKTLSVSQLELQDSG 180

Qy  181 TWTCTVLQNQKKVEFKIDIV 200
        ||||||||||||||||||||
Db  181 TWTCTVLQNQKKVEFKIDIV 200
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RESULT 5
US-10-769-247-1
; Sequence 1, Application US/10769247
; Publication No. US20040197809A1
; GENERAL INFORMATION:
; APPLICANT: Capon, Daniel J.
;   Gregory, Timothy J.
; NUMBER OF SEQUENCES: 25
; TITLE OF INVENTION: Adheson Variants
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Genentech, Inc.
; STREET: 460 Point San Bruno Blvd
; CITY: South San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94080
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 5.25 inch, 360 Kb floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: patin (Genentech)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/769,247
; FILING DATE: 30-Jan-2004
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: US/08/457,918
; APPLICATION NUMBER: 1-JUN-1995
; FILING DATE:
; APPLICATION NUMBER: 08/236311
; FILING DATE: 02-MAY-1994
; APPLICATION NUMBER: 07/936190
; FILING DATE: 26-AUG-1992
; APPLICATION NUMBER: 07/842777
; FILING DATE: 18-FEB-1992
; APPLICATION NUMBER: 07/250785
; FILING DATE: 28-SEP-1988
; APPLICATION NUMBER: 07/104329
; FILING DATE: 02-OCT-1987
; ATTORNEY/AGENT INFORMATION:
; NAME: Kubinec, Jeffrey S.
; REGISTRATION NUMBER: 36,575
; REFERENCE/DOCKET NUMBER: P0444P1C3
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415/225-8228
; TELEFAX: 415/952-9881
; TELEX: 910/371-7168
; INFORMATION FOR SEQ ID NO 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 402 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 1:
US-10-769-247-1

Query Match   100.0%; Score 1029; DB 16; Length 402;
Best Local Similarity   100.0%; Pred. No. 9.9e-78;
Matches 200; Conservative   0; Mismatches   0; Indels   0; Gaps   0;

Qy   1 MNRGVPFRHLLLVLQLALLPAATQGNKVVLGKKGDTVELTCTTASQKKSIQFHWKNSNQIK 60
          ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   1 MNRGVPFRHLLLVLQLALLPAATQGNKVVLGKKGDTVELTCTTASQKKSIQFHWKNSNQIK 60

Qy   61 ILGNQGSFLTKGPSKLNDRADSRRSLWDQGNFPLIIKNLKIEDSDTYICEVEDQKEEVQL 120
          ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   61 ILGNQGSFLTKGPSKLNDRADSRRSLWDQGNFPLIIKNLKIEDSDTYICEVEDQKEEVQL 120

Qy 121 LVFGLTANSDTHLLQGQSLTLTLESPPGSSPSVQCRSPRGKNIQGGKTLSVSQLELQDSG 180
          ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db 121 LVFGLTANSDTHLLQGQSLTLTLESPPGSSPSVQCRSPRGKNIQGGKTLSVSQLELQDSG 180

Qy 181 TWTCTVLQNQKKVEFKIDIV 200
          ||||||||||||||||||||
Db 181 TWTCTVLQNQKKVEFKIDIV 200

RESULT 6
US-09-891-119A-9
; Sequence 9, Application US/09891119A
; Publication No. US20040013683A1
; GENERAL INFORMATION:
; APPLICANT: Maddon, Paul J.
; TITLE OF INVENTION: DERIVATIVES OF SOLUBLE T-4
; FILE REFERENCE: 24577-CY-B
; CURRENT APPLICATION NUMBER: US/09/891,119A
; CURRENT FILING DATE: 2001-06-25
; NUMBER OF SEQ ID NOS: 22
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 9
; LENGTH: 457
; TYPE: PRT
; ORGANISM: human
US-09-891-119A-9

Query Match   100.0%; Score 1029; DB 11; Length 457;
Best Local Similarity   100.0%; Pred. No. 1.2e-77;
Matches 200; Conservative   0; Mismatches   0; Indels   0; Gaps   0;

Qy   1 MNRGVPFRHLLLVLQLALLPAATQGNKVVLGKKGDTVELTCTTASQKKSIQFHWKNSNQIK 60
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Db   1 MNRGVPFRHLLLVLQLALLPAATQGNKVVLGKKGDTVELTCTTASQKKSIQFHWKNSNQIK 60
Qy   61 ILGNQGSFLTKGPSKLNDRADSRRSLWDQGNFPLIIKNLKIEDSDTYICEVEDQKEEVQL 120
Db   61 ILGNQGSFLTKGPSKLNDRADSRRSLWDQGNFPLIIKNLKIEDSDTYICEVEDQKEEVQL 120
Qy 121 LVFGLTANSDTHLLQGQSLTLTLESPPGSSPSVQCRSPRGKNIQGGKTLSVSQLELQDSG 180
Db 121 LVFGLTANSDTHLLQGQSLTLTLESPPGSSPSVQCRSPRGKNIQGGKTLSVSQLELQDSG 180
Qy 181 TWTCTVLQNQKKVEFKIDIV 200
Db 181 TWTCTVLQNQKKVEFKIDIV 200

RESULT 7
US-09-939-537-5
; Sequence 5, Application US/09939537
; Publication No. US20030138410A1
; GENERAL INFORMATION:
; APPLICANT: Seed, Brian
; Banapour, Babak
; Romeo, Charles
; Kolanus, Waldemar
; TITLE OF INVENTION: TARGETED CYTOLYSIS OF HIV-INFECTED
; CELLS BY CHIMERIC CD4 RECEPTOR- BEARING CELLS
; NUMBER OF SEQUENCES: 53
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Clark & Elbing LLP
; STREET: 176 Federal Street
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02110
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSEQ for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/939,537
; FILING DATE: 24-Aug-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/284,391
; FILING DATE: 02-AUG-1994
; APPLICATION NUMBER: 08/195,395
; FILING DATE: 14-FEB-1994
; APPLICATION NUMBER: 07/847,566
; FILING DATE: 06-MAR-1992
; APPLICATION NUMBER: 07/665,961
; FILING DATE: 07-MAR-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Elbing, Karen L
; REGISTRATION NUMBER: 35,238
; REFERENCE/DOCKET NUMBER: 00786/247001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-428-0200
; TELEFAX: 617-428-7045
; TELEX: <Unknown>
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 462 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; SEQUENCE DESCRIPTION: SEQ ID NO: 5:
US-09-939-537-5

Query Match   100.0%; Score 1029; DB 10; Length 462;
Best Local Similarity   100.0%; Pred. No. 1.2e-77;
Matches 200; Conservative   0; Mismatches   0; Indels   0; Gaps   0;

RESULT 8

US-09-243-008-5

Sequence 5, Application US/09243008
Publication No. US20040005334A1
GENERAL INFORMATION:
APPLICANT: Seed, Brian et al.
TITLE OF INVENTION: Redirection of Cellular Immunity by
    Receptor Chimeras
NUMBER OF SEQUENCES: 40
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson P.C.
STREET: 225 Franklin Street
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02110-2804
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
COMPUTER: IBM PS/2 Model 50Z or 55SX
OPERATING SYSTEM: IBM P.C. DOS (Version 5.0)
SOFTWARE: Wordperfect (Version 5.0)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/243,008
FILING DATE: 02-Feb-1999
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/394,176
FILING DATE: SEPTEMBER 11,1995
APPLICATION NUMBER: 08/203,866
FILING DATE: February 28, 1994
APPLICATION NUMBER: 07/847,566
FILING DATE: March 6, 1992
APPLICATION NUMBER: 07/665,961
FILING DATE: March 7, 1991
ATTORNEY/AGENT INFORMATION:
NAME: Karen F. Lech, Ph.D
REGISTRATION NUMBER: 35,238
REFERENCE/DOCKET NUMBER: 00786/270001
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 542-5070
TELEFAX: (617) 542-8906
TELEX: 200154
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 462 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
SEQUENCE DESCRIPTION: SEQ ID NO: 5:

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Qy    1 MNRGVPFRHLLLVLQLALLPAATQGNKVVLGKKGDTVELTCTASQKKSIQFHWKNSNQIK 60
          |||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db    1 MNRGVPFRHLLLVLQLALLPAATQGNKVVLGKKGDTVELTCTASQKKSIQFHWKNSNQIK 60

Qy   61 ILGNQGSFLTKGPSKLNDRADSRRSLWDQGNFPLIIKNLKIEDSDTYICEVEDQKEEVQL 120
          |||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   61 ILGNQGSFLTKGPSKLNDRADSRRSLWDQGNFPLIIKNLKIEDSDTYICEVEDQKEEVQL 120

Qy  121 LVFGLTANSDTHLLQGQSLTLTLESPPGSSPSVQCRSPRGKNIQGGKTLSVSQLELQDSG 180
          |||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db  121 LVFGLTANSDTHLLQGQSLTLTLESPPGSSPSVQCRSPRGKNIQGGKTLSVSQLELQDSG 180

Qy  181 TWTCTVLQNQKKVEFKIDIV 200
          ||||||||||||||||||||
Db  181 TWTCTVLQNQKKVEFKIDIV 200
```

US-09-243-008-5
Query Match 100.0%;   Score 1029;   DB 11;   Length 462;
Best Local Similarity 100.0%;   Pred. No. 1.2e-77;
Matches 200;   Conservative 0;   Mismatches 0;   Indels 0;   Gaps 0;

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Qy    1 MNRGVPFRHLLLVLQLALLPAATQGNKVVLGKKGDTVELTCTASQKKSIQFHWKNSNQIK 60
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RESULT 9

US-09-939-537-6

Sequence 6, Application US/09939537
Publication No. US20030138410A1
GENERAL INFORMATION:
APPLICANT: Seed, Brian
    Banapour, Babak
    Romeo, Charles
    Kolanus, Waldemar
TITLE OF INVENTION: TARGETED CYTOLYSIS OF HIV-INFECTED
    CELLS BY CHIMERIC CD4 RECEPTOR- BEARING CELLS
NUMBER OF SEQUENCES: 53
CORRESPONDENCE ADDRESS:
ADDRESSEE: Clark & Elbing LLP
STREET: 176 Federal Street
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02110
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/939,537
FILING DATE: 24-Aug-2001
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/284,391
FILING DATE: 02-AUG-1994
APPLICATION NUMBER: 08/195,395
FILING DATE: 14-FEB-1994
APPLICATION NUMBER: 07/847,566
FILING DATE: 06-MAR-1992
APPLICATION NUMBER: 07/665,961
FILING DATE: 07-MAR-1991
ATTORNEY/AGENT INFORMATION:
NAME: Elbing, Karen L
REGISTRATION NUMBER: 35,238
REFERENCE/DOCKET NUMBER: 00786/247001
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-428-0200
TELEFAX: 617-428-7045
TELEX: <Unknown>
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 532 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein
SEQUENCE DESCRIPTION: SEQ ID NO: 6:

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Db    1 MNRGVPFRHLLLVLQLALLPAATQGNKVVLGKKGDTVELTCTASQKKSIQFHWKNSNQIK
          |||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Qy   61 ILGNQGSFLTKGPSKLNDRADSRRSLWDQGNFPLIIKNLKIEDSDTYICEVEDQKEEVQL 120
          |||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   61 ILGNQGSFLTKGPSKLNDRADSRRSLWDQGNFPLIIKNLKIEDSDTYICEVEDQKEEVQL 120

Qy  121 LVFGLTANSDTHLLQGQSLTLTLESPPGSSPSVQCRSPRGKNIQGGKTLSVSQLELQDSG 180
          |||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db  121 LVFGLTANSDTHLLQGQSLTLTLESPPGSSPSVQCRSPRGKNIQGGKTLSVSQLELQDSG 180

Qy  181 TWTCTVLQNQKKVEFKIDIV 200
          ||||||||||||||||||||
Db  181 TWTCTVLQNQKKVEFKIDIV 200
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US-09-939-537-6
Query Match 100.0%;   Score 1029;   DB 10;   Length 532;
Best Local Similarity 100.0%;   Pred. No. 1.4e-77;

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Qy    1 MNRGVPFRHLLLVLQLALLPAATQGNKVVLGKGDTVELTCTASQKKSIQFHWKNSNQIK 60
```

RESULT 10
US-09-243-008-6
Sequence 6, Application US/0924300B
Publication No. US20040005334A1
GENERAL INFORMATION:
 APPLICANT: Seed, Brian et al.
 TITLE OF INVENTION: Redirection of Cellular Immunity by
  Receptor Chimeras
NUMBER OF SEQUENCES: 40
CORRESPONDENCE ADDRESS:
 ADDRESSEE: Fish & Richardson P.C.
 STREET: 225 Franklin Street
 CITY: Boston
 STATE: MA
 COUNTRY: USA
 ZIP: 02110-2804
COMPUTER READABLE FORM:
 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 COMPUTER: IBM PS/2 Model 50Z or 55SX
 OPERATING SYSTEM: IBM P.C. DOS (Version 5.0)
 SOFTWARE: Wordperfect (Version 3.30)
CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/243,008
 FILING DATE: 02-Feb-1999
PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US/08/394,176
 FILING DATE: SEPTEMBER 11,1995
 APPLICATION NUMBER: 08/203,866
 FILING DATE: February 28, 1994
 APPLICATION NUMBER: 07/847,566
 FILING DATE: March 6, 1992
 APPLICATION NUMBER: 07/665,961
 FILING DATE: March 7, 1991
ATTORNEY/AGENT INFORMATION:
 NAME: Karen F. Lech, Ph.D
 REGISTRATION NUMBER: 35,238
 REFERENCE/DOCKET NUMBER: 00786/270001
TELECOMMUNICATION INFORMATION:
 TELEPHONE: (617) 542-5070
 TELEFAX: (617) 542-8906
 TELEX: 200154
INFORMATION FOR SEQ ID NO: 6:
 SEQUENCE CHARACTERISTICS:
  LENGTH: 532 amino acids
  TYPE: amino acid
  TOPOLOGY: linear
  MOLECULE TYPE: protein
  SEQUENCE DESCRIPTION: SEQ ID NO: 6:

US-09-243-008-6

Query Match   100.0%; Score 1029; DB 11; Length 532;
Best Local Similarity 100.0%; Pred. No. 1.4e-77;
Matches 200; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy   1 MNRGVPFRHLLLVLQLALLPAATQGNKVVLGKKGDTVELTCTASQKKSIQFHWKNSNQIK 60
           |||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   1 MNRGVPFRHLLLVLQLALLPAATQGNKVVLGKKGDTVELTCTASQKKSIQFHWKNSNQIK 60

Qy   61 ILGNQGSFLTKGPSKLNDRADSRRSLWDQGNFPLIIKNLKIEDSDTYICEVEDQKEEVQL 120
           ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   61 ILGNQGSFLTKGPSKLNDRADSRRSLWDQGNFPLIIKNLKIEDSDTYICEVEDQKEEVQL 120

Qy   121 LVFGLTANSDTHLLQGQSLTLTLESPPGSSSPSVQCRSPRGKNIQGGKTLSVSQLELQDSG 180
           ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   121 LVFGLTANSDTHLLQGQSLTLTLESPPGSSSPSVQCRSPRGKNIQGGKTLSVSQLELQDSG 180

Qy   181 TWTCTVLQNQKKVEFKIDIV 200
           ||||||||||||||||||||
Db   181 TWTCTVLQNQKKVEFKIDIV 200

RESULT 11
US-09-939-537-4
Sequence 4, Application US/09939537
Publication No. US2003013841OA1
GENERAL INFORMATION:
 APPLICANT: Seed, Brian
  Banapour, Babak
  Romeo, Charles
  Kolanus, Waldemar
 TITLE OF INVENTION: TARGETED CYTOLYSIS OF HIV-INFECTED
  CELLS BY CHIMERIC CD4 RECEPTOR- BEARING CELLS
NUMBER OF SEQUENCES: 53
CORRESPONDENCE ADDRESS:
 ADDRESSEE: Clark & Elbing LLP
 STREET: 176 Federal Street
 CITY: Boston
 STATE: MA
 COUNTRY: USA
 ZIP: 02110
COMPUTER READABLE FORM:
 MEDIUM TYPE: Diskette
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: DOS
 SOFTWARE: FastSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/939,537
 FILING DATE: 24-Aug-2001
 CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 08/284,391
 FILING DATE: 02-AUG-1994
 APPLICATION NUMBER: 08/195,395
 FILING DATE: 14-FEB-1994
 APPLICATION NUMBER: 07/847,566
 FILING DATE: 06-MAR-1992
 APPLICATION NUMBER: 07/665,961
 FILING DATE: 07-MAR-1991
ATTORNEY/AGENT INFORMATION:
 NAME: Elbing, Karen L
 REGISTRATION NUMBER: 35,238
 REFERENCE/DOCKET NUMBER: 00786/247001
TELECOMMUNICATION INFORMATION:
 TELEPHONE: 617-428-0200
 TELEFAX: 617-428-7045
 TELEX: <Unknown>
INFORMATION FOR SEQ ID NO: 4:
 SEQUENCE CHARACTERISTICS:
  LENGTH: 575 amino acids
  TYPE: amino acid
  STRANDEDNESS: single
  TOPOLOGY: linear
  MOLECULE TYPE: protein
  SEQUENCE DESCRIPTION: SEQ ID NO: 4:

US-09-939-537-4

Query Match   100.0%; Score 1029; DB 10; Length 575;

Qy   1 MNRGVPFRHLLLVLQLALLPAATQGNKVVLGKKGDTVELTCTASQKKSIQFHWKNSNQIK 60
           |||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   1 MNRGVPFRHLLLVLQLALLPAATQGNKVVLGKKGDTVELTCTASQKKSIQFHWKNSNQIK 60

Qy   61 ILGNQGSFLTKGPSKLNDRADSRRSLWDQGNFPLIIKNLKIEDSDTYICEVEDQKEEVQL 120
           ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   61 ILGNQGSFLTKGPSKLNDRADSRRSLWDQGNFPLIIKNLKIEDSDTYICEVEDQKEEVQL 120

Qy   121 LVFGLTANSDTHLLQGQSLTLTLESPPGSSSPSVQCRSPRGKNIQGGKTLSVSQLELQDSG 180
           ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   121 LVFGLTANSDTHLLQGQSLTLTLESPPGSSSPSVQCRSPRGKNIQGGKTLSVSQLELQDSG 180

Qy   181 TWTCTVLQNQKKVEFKIDIV 200
           ||||||||||||||||||||
Db   181 TWTCTVLQNQKKVEFKIDIV 200

Best Local Similarity 100.0%; Pred. No. 1.5e-77;
Matches 200; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```
Qy    1 MNRGVPFRHLLLVLQLALLPAATQGNKVVLGKKGDTVELTCTASQKKSIQFHWKNSNQIK  60
        ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db    1 MNRGVPFRHLLLVLQLALLPAATQGNKVVLGKKGDTVELTCTASQKKSIQFHWKNSNQIK  60

Qy   61 ILGNQGSFLTKGPSKLNDRADSRRSLWDQGNFPLIIKNLKIEDSDTYICEVEDQKEEVQL 120
        ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   61 ILGNQGSFLTKGPSKLNDRADSRRSLWDQGNFPLIIKNLKIEDSDTYICEVEDQKEEVQL 120

Qy  121 LVFGLTANSDTHLLQGQSLTLTLESPPGSSSPSVQCRSPRGKNIQGGKTLSVSQLELQDSG 180
        ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db  121 LVFGLTANSDTHLLQGQSLTLTLESPPGSSSPSVQCRSPRGKNIQGGKTLSVSQLELQDSG 180

Qy  181 TWTCTVLQNQKKVEFKIDIV 200
        ||||||||||||||||||||
Db  181 TWTCTVLQNQKKVEFKIDIV 200
```

RESULT 12
US-09-243-008-4
Sequence 4, Application US/09243008
Publication No. US20040005334A1
GENERAL INFORMATION:
APPLICANT: Seed, Brian et al.
TITLE OF INVENTION: Redirection of Cellular Immunity by
Receptor Chimeras
NUMBER OF SEQUENCES: 40
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson P.C.
STREET: 225 Franklin Street
CITY: Boston
STATE: MA
ZIP: 02110-2804
COUNTRY: USA
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
COMPUTER: IBM PS/2 Model 50Z or 55SX
OPERATING SYSTEM: IBM P.C. DOS (Version 3.30)
SOFTWARE: Wordperfect (Version 5.0)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/243,008
FILING DATE: 02-Feb-1999
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/394,176
FILING DATE: SEPTEMBER 11,1995
APPLICATION NUMBER: 08/203,866
FILING DATE: February 28, 1994
APPLICATION NUMBER: 07/847,566
FILING DATE: March 6, 1992
APPLICATION NUMBER: 07/665,961
FILING DATE: March 7, 1991
ATTORNEY/AGENT INFORMATION:
NAME: Karen F. Lech, Ph.D
REGISTRATION NUMBER: 35,238
REFERENCE/DOCKET NUMBER: 00786/270001
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 542-5070
TELEFAX: (617) 542-8906
TELEX: 200154
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 575 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
SEQUENCE DESCRIPTION: SEQ ID NO: 4:

US-09-243-008-4

Query Match 100.0%; Score 1029; DB 11; Length 575;
Best Local Similarity 100.0%; Pred. No. 1.5e-77;
Matches 200; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```
Qy    1 MNRGVPFRHLLLVLQLALLPAATQGNKVVLGKKGDTVELTCTASQKKSIQFHWKNSNQIK  60
        ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db    1 MNRGVPFRHLLLVLQLALLPAATQGNKVVLGKKGDTVELTCTASQKKSIQFHWKNSNQIK  60

Qy   61 ILGNQGSFLTKGPSKLNDRADSRRSLWDQGNFPLIIKNLKIEDSDTYICEVEDQKEEVQL 120
        ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   61 ILGNQGSFLTKGPSKLNDRADSRRSLWDQGNFPLIIKNLKIEDSDTYICEVEDQKEEVQL 120

Qy  121 LVFGLTANSDTHLLQGQSLTLTLESPPGSSSPSVQCRSPRGKNIQGGKTLSVSQLELQDSG 180
        ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db  121 LVFGLTANSDTHLLQGQSLTLTLESPPGSSSPSVQCRSPRGKNIQGGKTLSVSQLELQDSG 180

Qy  181 TWTCTVLQNQKKVEFKIDIV 200
        ||||||||||||||||||||
Db  181 TWTCTVLQNQKKVEFKIDIV 200
```

RESULT 13
US-08-485-163-7
Sequence 7, Application US/08485163
Publication No. US20020091191A1
GENERAL INFORMATION:
APPLICANT: Beaudry, Gary A.
APPLICANT: Maddon, Paul J.
TITLE OF INVENTION: CD4-GAMMA2 CD4-IgG2 CHIMERAS
NUMBER OF SEQUENCES: 10
CORRESPONDENCE ADDRESS:
ADDRESSEE: Cooper & Dunham LLP
STREET: 1185 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: USA
ZIP: 10036
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.24
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/485,163
FILING DATE: 07-JUN-1995
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: White, John P.
REGISTRATION NUMBER: 28,678
REFERENCE/DOCKET NUMBER: 37690-II-1-PCT-US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 278-0400
TELEFAX: (212) 391-0525
TELEX:
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 310 amino acids
TYPE: amino acid
STRANDEDNESS: unknown
TOPOLOGY: unknown
MOLECULE TYPE: protein
ORIGINAL SOURCE:
ORGANISM: homo sapien
CELL TYPE: lymphocyte

US-08-485-163-7

Query Match 99.4%; Score 1023; DB 8; Length 310;
Best Local Similarity 99.5%; Pred. No. 2.3e-77;
Matches 199; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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Qy    1 MNRGVPFRHLLLVLQLALLPAATQGNKVVLGKKGDTVELTCTASQKKSIQFHWKNSNQIK  60
        ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db    1 MNRGVPFRHLLLVLQLALLPAATQGNKVVLGKKGDTVELTCTASQKKSIQFHWKNSNQIK  60

Qy   61 ILGNQGSFLTKGPSKLNDRADSRRSLWDQGNFPLIIKNLKIEDSDTYICEVEDQKEEVQL 120
        ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   61 ILGNQGSFLTKGPSKLNDRADSRRSLWDQGNFPLIIKNLKIEDSDTYICEVEDQKEEVQL 120
```

RESULT 14
US-09-766-995-6
Sequence 6, Application US/09766995
Patent No. US20020052481A1
GENERAL INFORMATION:
; APPLICANT: Graham P. Allaway et al.
; TITLE OF INVENTION: NON-PEPTIDYL MOIETY-CONJUGATED CD4-GAMMA2 AND CD4-IgG2 IMMUNOCONJ
; TITLE OF INVENTION: AND USES THEREOF
; FILE REFERENCE: 2048/41215-CB/JPW/SHS
; CURRENT APPLICATION NUMBER: US/09/766,995
; CURRENT FILING DATE: 2001-01-22
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6
; LENGTH: 310
; TYPE: PRT
; ORGANISM: homo sapiens
US-09-766-995-6

Query Match   99.4%; Score 1023; DB 9; Length 310;
Best Local Similarity   99.5%; Pred. No. 2.3e-77;
Matches 199; Conservative   0; Mismatches 1; Indels   0; Gaps   0;

```
Qy    1 MNRGVPFRHLLLVLQLALLPAATQGNKVVLGKKGDTVELTCTASQKKSIQFHWKNSNQIK 60
        ||||||||||||||||||||||| |||||||||||||||||||||||||||||||||||
Db    1 MNRGVPFRHLLLVLQLALLPAATQGKKVVLGKKGDTVELTCTASQKKSIQFHWKNSNQIK 60

Qy   61 ILGNQGSFLTKGPSKLNDRADSRRSLWDQGNFPLIIKNLKIEDSDTYICEVEDQKEEVQL 120
        |||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   61 ILGNQGSFLTKGPSKLNDRADSRRSLWDQGNFPLIIKNLKIEDSDTYICEVEDQKEEVQL 120

Qy  121 LVFGLTANSDTHLLQGQSLTLTLESPPGSSPSVQCRSPRGKNIQGGKTLSVSQLELQDSG 180
        |||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db  121 LVFGLTANSDTHLLQGQSLTLTLESPPGSSPSVQCRSPRGKNIQGGKTLSVSQLELQDSG 180

Qy  181 TWTCTVLQNQKKVEFKIDIV 200
        ||||||||||||||||||||
Db  181 TWTCTVLQNQKKVEFKIDIV 200
```

; APPLICATION NUMBER: US/08/485,163
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: White, John P.
; REGISTRATION NUMBER: 28,678
; REFERENCE/DOCKET NUMBER: 37690-II-1-PCT-US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 278-0400
; TELEFAX: (212) 391-0525
; TELEX:
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
; LENGTH: 432 amino acids
; TYPE: amino acid
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: protein
; ORIGINAL SOURCE:
; ORGANISM: homo sapien
; CELL TYPE: lymphocyte
US-08-485-163-3

Query Match   99.4%; Score 1023; DB 8; Length 432;
Best Local Similarity   99.5%; Pred. No. 3.4e-77;
Matches 199; Conservative   0; Mismatches 1; Indels   0; Gaps   0;

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Qy    1 MNRGVPFRHLLLVLQLALLPAATQGNKVVLGKKGDTVELTCTASQKKSIQFHWKNSNQIK 60
        |||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db    1 MNRGVPFRHLLLVLQLALLPAATQGNKVVLGKKGDTVELTCTASQKKSIQFHWKNSNQIK 60

Qy   61 ILGNQGSFLTKGPSKLNDRADSRRSLWDQGNFPLIIKNLKIEDSDTYICEVEDQKEEVQL 120
        |||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   61 ILGNQGSFLTKGPSKLNDRADSRRSLWDQGNFPLIIKNLKIEDSDTYICEVEDQKEEVQL 120

Qy  121 LVFGLTANSDTHLLQGQSLTLTLESPPGSSPSVQCRSPRGKNIQGGKTLSVSQLELQDSG 180
        |||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db  121 LVFGLTANSDTHLLQGQSLTLTLESPPGSSPSVQCRSPRGKNIQGGKTLSVSQLELQDSG 180

Qy  181 TWTCTVLQNQKKVEFKIDIV 200
        ||||||||||||||||||||
Db  181 TWTCTVLQNQKKVEFKIDIV 200
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RESULT 15
US-08-485-163-3
Sequence 3, Application US/08485163
Publication No. US20020098191A1
GENERAL INFORMATION:
; APPLICANT: Beaudry, Gary A.
; APPLICANT: Maddon, Paul J.
; TITLE OF INVENTION: CD4-GAMMA2 CD4-IgG2 CHIMERAS
; NUMBER OF SEQUENCES: 10
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Cooper & Dunham LLP
; STREET: 1185 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: USA
; ZIP: 10036
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.24
; CURRENT APPLICATION DATA: